

PART I - SECTION C - DESCRIPTION/SPECIFICATIONS

In addition to the Item Description, Drawing(s) and/or Specification(s) listed below, Preservation/Packaging/Packing and Inspection and Acceptance documents are contained elsewhere herein (Sections D & E respectively).

PRODUCT ENGINEERING REQUIREMENTS

The following Item Description, Drawing(s) and/or Specification(s) represent minimum Government requirements and are applicable to this Procurement.

NSN: 6150-00-255-8332

NOMEN: Cable Assembly, Power

In accordance with Air Force Drawing 72289 Rev A

On Air Force Drawing 72289 Rev A, delete MIL-I-23053/3 and substitute SAE AMS I 23053/3.

Specifications and Standards referenced in the above cited applicable documents, drawings, parts lists, specifications shall be the effective issue or revision in effect as listed in the Department of Defense Index of Specifications and Standards (DODISS) dated 1 July 2002 and the supplement dated 1 Sep 2002

PRON(S): M131TF05M1

Attachment 002

PART 1 -SECTION C- DESCRIPTION/SPECIFICATIONS

QUALITY ENGINEERING REQUIREMENTS

The following Item, Description, and Documents are applicable to this procurement with the Additions and Exceptions noted.

ITEM: Cable Assembly, Power

DESCRIPTION: As described in PART 1- SECTION C-DESCRIPTION/SPECIFICATIONS-PRODUCT ENGINEERING REQUIREMENTS, including all additions and exceptions

APPLICABLE DOCUMENTS: Air Force Drawing 72289 Rev A with deletion and substitution as listed in the PRODUCT ENGINEERING REQUIREMENTS of PART 1- SECTION C-DESCRIPTION/SPECIFICATIONS.

ADDITIONS AND EXCEPTIONS:

1. Responsibility for inspection. Unless otherwise specified in the contract, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.
2. Quality conformance inspection. Quality conformance inspection shall be applied to production units being offered for acceptance under the contract. The inspection shall consist of a and b as follows and failure of any unit to pass these inspections or tests shall be cause for rejection of the unit.
 - a. Product examination (para.3)
 - b. Packaging inspection (para.4)
3. Product examination. The production units shall be examined to determine compliance with Army drawings, parts lists, and specifications in the contract including any exceptions and additions noted in the Product Engineering Requirements, Part I- Section C-Description/Specifications.
4. Packaging inspection. The item shall be inspected before and after packaging to determine compliance with the preservation, packaging, packing, and marking requirements specified in Section D of the contract.
5. Sampling. Sampling for quality conformance inspection shall be in accordance with TABLES I and II of MIL-STD- 1916 using the Verification Levels (VL) listed, unless the contract specifies others, or 100 % inspection is specified. The VL and Code Letter (CL) from Table I determine the sampling plan required to assess product compliance with contract and specification requirements. The VL shall be IV for Product examination (para. 3) and II for Packaging inspection (para.4).

QUALITY ENGINEERING REQUIREMENTS (continued)

- a. The term lot or production interval size of TABLE I of MIL-STD-1916 is defined as a homogeneous collection of units of product from which a representative sample is drawn and inspected 100 percent to determine conformance with applicable requirements.
- b. Homogeneity shall be considered to exist provided the inspection lot has been produced by one manufacturer, in one unchanged process, using the same materials and methods in accordance with the same drawings, specifications and their related revisions.
- c. Units selected for inspection shall represent only the inspection lot from which they are drawn and shall not be construed to represent any prior or subsequent quantities presented for inspection.

6. Attributes sampling plans. The attributes sampling plans for lots or production intervals are described in TABLE II of MIL-STD-1916.

- a. The lot or batch shall be considered acceptable only if no nonconforming units are found upon inspection of the random sample of the size listed in TABLE II of MIL-STD-1916.
- b. The VL stated in the contract shall be considered the normal stage and shall continue unchanged as long as the product quality is consistent or exceeds specified requirements.
- c. Lots or production intervals that consistently meet or exceed all requirements of this procurement action may result in the Government allowing the Contractor to use reduced sampling levels.
- d. If it becomes evident that product quality is deteriorating, tightened inspection sampling levels may be required by the Government until it is evident that product quality has returned to the required quality.